

10699094_CLSTITLES

Titles of most frequently occurring classifications of patents returned
from a search of 10699094 on Jan 04 , 2007

- 11 704/233 (4 OR, 7 XR)
 Class 704 DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS,
 LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION
 704/200 .SPEECH SIGNAL PROCESSING
 704/231 ..Recognition
 704/233 ...Detect speech in noise

- 10 704/251 (4 OR, 6 XR)
 Class 704 DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS,
 LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION
 704/200 .SPEECH SIGNAL PROCESSING
 704/231 ..Recognition
 704/251 ...Word recognition

- 9 704/226 (3 OR, 6 XR)
 Class 704 DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS,
 LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION
 704/200 .SPEECH SIGNAL PROCESSING
 704/201 ..For storage or transmission
 704/226 ...Noise

- 8 381/94.3 (5 OR, 3 XR)
 Class 381 ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS AND DEVICES
 381/94.1 .NOISE OR DISTORTION SUPPRESSION
 381/94.2 ..Spectral adjustment
 381/94.3 ...In multiple frequency bands

- 8 704/270 (2 OR, 6 XR)
 Class 704 DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS,
 LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION
 704/200 .SPEECH SIGNAL PROCESSING
 704/270 ..Application

- 7 381/92 (3 OR, 4 XR)
 Class 381 ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS AND DEVICES
 381/92 .DIRECTIVE CIRCUITS FOR MICROPHONES

- 6 704/270.1 (3 OR, 3 XR)
 Class 704 DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS,
 LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION
 704/200 .SPEECH SIGNAL PROCESSING
 704/270 ..Application
 704/270.1 ...Speech assisted network

- 6 704/228 (2 OR, 4 XR)
 Class 704 DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS,
 LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION
 704/200 .SPEECH SIGNAL PROCESSING
 704/201 ..For storage or transmission
 704/226 ...Noise
 704/228Post-transmission

- 4 381/110 (2 OR, 2 XR)
 Class 381 ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS AND DEVICES
 381/110 .VOICE CONTROLLED

- 4 704/275 (2 OR, 2 XR)
 Class 704 DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS,
 LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION

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704/200 .SPEECH SIGNAL PROCESSING
704/270 ..Application
704/275 ...Speech controlled system

3 381/317 (0 OR, 3 XR)
Class 381 ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS AND DEVICES
381/312 .HEARING AIDS, ELECTRICAL
381/317 ..Noise compensation circuit

3 704/271 (2 OR, 1 XR)
Class 704 DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS,
LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION
704/200 .SPEECH SIGNAL PROCESSING
704/270 ..Application
704/271 ...Handicap aid

3 434/112 (0 OR, 3 XR)
Class 434 EDUCATION AND DEMONSTRATION
434/112 .COMMUNICATION AIDS FOR THE HANDICAPPED

3 704/258 (0 OR, 3 XR)
Class 704 DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS,
LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION
704/200 .SPEECH SIGNAL PROCESSING
704/258 ..Synthesis

3 704/260 (0 OR, 3 XR)
Class 704 DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS,
LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION
704/200 .SPEECH SIGNAL PROCESSING
704/258 ..Synthesis
704/260 ...Image to speech

3 704/254 (2 OR, 1 XR)
Class 704 DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS,
LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION
704/200 .SPEECH SIGNAL PROCESSING
704/231 ..Recognition
704/251 ...Word recognition
704/254Subportions

3 381/66 (2 OR, 1 XR)
Class 381 ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS AND DEVICES
381/66 .DEREVERBERATORS

3 381/94.2 (3 OR, 0 XR)
Class 381 ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS AND DEVICES
381/94.1 .NOISE OR DISTORTION SUPPRESSION
381/94.2 ..Spectral adjustment

3 704/231 (0 OR, 3 XR)
Class 704 DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS,
LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION
704/200 .SPEECH SIGNAL PROCESSING
704/231 ..Recognition

3 704/253 (0 OR, 3 XR)
Class 704 DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS,
LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION
704/200 .SPEECH SIGNAL PROCESSING
704/231 ..Recognition
704/251 ...Word recognition
704/253Endpoint detection

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3 704/235 (1 OR, 2 XR)
 Class 704 DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS,
 LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION
 704/200 .SPEECH SIGNAL PROCESSING
 704/231 ..Recognition
 704/235 ...Speech to image

2 704/225 (0 OR, 2 XR)
 Class 704 DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS,
 LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION
 704/200 .SPEECH SIGNAL PROCESSING
 704/201 ..For storage or transmission
 704/225 ...Gain control

2 381/320 (0 OR, 2 XR)
 Class 381 ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS AND DEVICES
 381/312 .HEARING AIDS, ELECTRICAL
 381/320 ..Spectral control

2 704/234 (1 OR, 1 XR)
 Class 704 DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS,
 LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION
 704/200 .SPEECH SIGNAL PROCESSING
 704/231 ..Recognition
 704/234 ...Normalizing

2 704/222 (1 OR, 1 XR)
 Class 704 DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS,
 LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION
 704/200 .SPEECH SIGNAL PROCESSING
 704/201 ..For storage or transmission
 704/221 ...Pattern matching vocoders
 704/222Vector quantization

2 434/185 (2 OR, 0 XR)
 Class 434 EDUCATION AND DEMONSTRATION
 434/156 .LANGUAGE
 434/185 ..Speech

2 704/261 (0 OR, 2 XR)
 Class 704 DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS,
 LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION
 704/200 .SPEECH SIGNAL PROCESSING
 704/258 ..Synthesis
 704/261 ...Vocal tract model

2 704/276 (0 OR, 2 XR)
 Class 704 DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS,
 LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION
 704/200 .SPEECH SIGNAL PROCESSING
 704/270 ..Application
 704/276 ...Pattern display

2 434/116 (0 OR, 2 XR)
 Class 434 EDUCATION AND DEMONSTRATION
 434/112 .COMMUNICATION AIDS FOR THE HANDICAPPED
 434/116 ..Converting information to sound

2 704/246 (1 OR, 1 XR)
 Class 704 DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS,
 LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION
 704/200 .SPEECH SIGNAL PROCESSING

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- 704/231 ..Recognition
- 704/246 ...Voice recognition
- 2 704/278 (0 OR, 2 XR)
 - Class 704 DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION
 - 704/200 .SPEECH SIGNAL PROCESSING
 - 704/270 ..Application
 - 704/278 ...Sound editing
- 2 379/390.01 (1 OR, 1 XR)
 - Class 379 TELEPHONIC COMMUNICATIONS
 - 379/387.01 .SUBSTATION OR TERMINAL CIRCUITRY
 - 379/388.01 ..For loudspeaking terminal
 - 379/390.01 ...Amplification or attenuation level control
- 2 381/81 (0 OR, 2 XR)
 - Class 381 ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS AND DEVICES
 - 381/77 .ONE-WAY AUDIO SIGNAL PROGRAM DISTRIBUTION
 - 381/80 ..Multiple channel
 - 381/81 ...With switching
- 2 455/557 (0 OR, 2 XR)
 - Class 455 TELECOMMUNICATIONS
 - 455/73 .TRANSMITTER AND RECEIVER AT SAME STATION (E.G., TRANSCEIVER)
 - 455/550.1 ..Radiotelephone equipment detail
 - 455/557 ...Interface attached device (e.g., interface with modem, facsimile, computer, etc.)
- 2 381/56 (1 OR, 1 XR)
 - Class 381 ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS AND DEVICES
 - 381/56 .MONITORING OF SOUND
- 2 704/277 (0 OR, 2 XR)
 - Class 704 DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION
 - 704/200 .SPEECH SIGNAL PROCESSING
 - 704/270 ..Application
 - 704/277 ...Translation
- 2 381/108 (1 OR, 1 XR)
 - Class 381 ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS AND DEVICES
 - 381/104 .INCLUDING AMPLITUDE OR VOLUME CONTROL
 - 381/107 ..Automatic
 - 381/108 ...Including feedback
- 2 381/106 (0 OR, 2 XR)
 - Class 381 ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS AND DEVICES
 - 381/104 .INCLUDING AMPLITUDE OR VOLUME CONTROL
 - 381/106 ..With amplitude compression/expansion
- 2 381/119 (1 OR, 1 XR)
 - Class 381 ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS AND DEVICES
 - 381/119 .WITH MIXER
- 2 379/202.01 (0 OR, 2 XR)
 - Class 379 TELEPHONIC COMMUNICATIONS
 - 379/201.01 .SPECIAL SERVICES
 - 379/202.01 ..Conferencing
- 2 381/94.5 (0 OR, 2 XR)
 - Class 381 ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS AND DEVICES

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- 381/94.1 .NOISE OR DISTORTION SUPPRESSION
- 381/94.5 ..Soft switching, muting, or noise gating
- 2 381/123 (1 OR, 1 XR)
 - Class 381 ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS AND DEVICES
 - 381/123 .SWITCHING
- 2 381/83 (1 OR, 1 XR)
 - Class 381 ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS AND DEVICES
 - 381/77 .ONE-WAY AUDIO SIGNAL PROGRAM DISTRIBUTION
 - 381/82 ..Public address system
 - 381/83 ...Feedback suppression
- 2 704/227 (0 OR, 2 XR)
 - Class 704 DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION
 - 704/200 .SPEECH SIGNAL PROCESSING
 - 704/201 ..For storage or transmission
 - 704/226 ...Noise
 - 704/227Pretransmission
- 2 381/71.6 (1 OR, 1 XR)
 - Class 381 ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS AND DEVICES
 - 381/71.1 .ACOUSTICAL NOISE OR SOUND CANCELLATION
 - 381/71.6 ..Adjacent ear
- 2 704/219 (0 OR, 2 XR)
 - Class 704 DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION
 - 704/200 .SPEECH SIGNAL PROCESSING
 - 704/201 ..For storage or transmission
 - 704/219 ...Linear prediction
- 2 381/104 (0 OR, 2 XR)
 - Class 381 ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS AND DEVICES
 - 381/104 .INCLUDING AMPLITUDE OR VOLUME CONTROL
- 2 379/67.1 (0 OR, 2 XR)
 - Class 379 TELEPHONIC COMMUNICATIONS
 - 379/67.1 .AUDIO MESSAGE STORAGE, RETRIEVAL, OR SYNTHESIS
- 2 379/88.01 (0 OR, 2 XR)
 - Class 379 TELEPHONIC COMMUNICATIONS
 - 379/67.1 .AUDIO MESSAGE STORAGE, RETRIEVAL, OR SYNTHESIS
 - 379/88.01 ..Voice activation or recognition
- 2 704/214 (0 OR, 2 XR)
 - Class 704 DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION
 - 704/200 .SPEECH SIGNAL PROCESSING
 - 704/201 ..For storage or transmission
 - 704/211 ...Time
 - 704/214Voiced or unvoiced
- 2 379/189 (0 OR, 2 XR)
 - Class 379 TELEPHONIC COMMUNICATIONS
 - 379/188 .CALL OR TERMINAL ACCESS ALARM OR CONTROL
 - 379/189 ..Fraud or improper use mitigating or indication (e.g., "blue box", "black box")
- 2 704/257 (0 OR, 2 XR)
 - Class 704 DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION

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- 704/200 .SPEECH SIGNAL PROCESSING
- 704/231 ..Recognition
- 704/251 ...Word recognition
- 704/255Specialized models
- 704/257Natural language

- 2 704/252 (0 OR, 2 XR)
 Class 704 DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS,
 LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION
 - 704/200 .SPEECH SIGNAL PROCESSING
 - 704/231 ..Recognition
 - 704/251 ...Word recognition
 - 704/252Preliminary matching

- 2 342/192 (2 OR, 0 XR)
 Class 342 COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES
 (E.G., RADAR, RADIO NAVIGATION)
 - 342/175 .WITH PARTICULAR CIRCUIT
 - 342/192 ..Spectrum analysis

- 2 324/76.12 (0 OR, 2 XR)
 Class 324 ELECTRICITY: MEASURING AND TESTING
 - 324/76.11 .MEASURING, TESTING, OR SENSING ELECTRICITY, PER SE
 - 324/76.12 ..Analysis of complex waves

- 2 704/201 (0 OR, 2 XR)
 Class 704 DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS,
 LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION
 - 704/200 .SPEECH SIGNAL PROCESSING
 - 704/201 ..For storage or transmission

- 2 381/94.1 (0 OR, 2 XR)
 Class 381 ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS AND DEVICES
 - 381/94.1 .NOISE OR DISTORTION SUPPRESSION

- 2 381/107 (0 OR, 2 XR)
 Class 381 ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS AND DEVICES
 - 381/104 .INCLUDING AMPLITUDE OR VOLUME CONTROL
 - 381/107 ..Automatic